



Motorcycle Art  
SINCE 1945

# SUPERVELOCE

MY 2023\_TECHNICAL DATA





# SUPERVELOCE

NEW  
COLOR '23



GRIGIO NARDÒ/  
NERO CARBON METALLIZZATO OPACO/  
ROSSO AGO



ROSSO AGO/  
ARGENTO AGO

E10

SOLO BENZINA SENZA PIOMBO  
ETANOLO FINO AL 10% DI VOLUME

\* Velocità raggiungibile in pista  
MY 23 - 13/07/23

## MOTORE

Tipo  
Distribuzione

Cilindrata totale  
Rapporto di compressione  
Avviamento  
Alesaggio per corsa  
Potenza max. a giri/min (all'albero)  
Coppia massima giri/min  
Raffreddamento  
Accensione - Iniezione

Sistema cambio elettronico

Frizione

Cambio velocità

Rapporti primaria  
Rapporti cambio

Prima velocità  
Seconda velocità  
Terza velocità  
Quarta velocità  
Quinta velocità  
Sesta velocità

Rapporto finale di trasmissione

## IMPIANTO ELETTRICO

Tensione impianto  
Alternatore  
Batteria

## DIMENSIONI E PESO

Interasse  
Lunghezza totale  
Larghezza max.  
Altezza sella  
Altezza min. da terra  
Avancorsa  
Peso a secco  
Capacità serbatoio carburante

## PRESTAZIONI

Velocità max.\*  
Accelerazione\*

## TELAIO

Tipo  
Materiale piastre fulcro forcellone

Tre cilindri, 4 tempi, 12 valvole  
Doppio albero a camme in testa, con tenditore meccanico e bicchierini DLC  
798 cm<sup>3</sup>  
13,3:1  
Elettrico  
79 mm x 54,3 mm  
108 kW (147 CV) a 13.000 giri/min  
88 Nm (8,98 kgm) a 10.100 giri/min  
A liquido e olio con radiatori separati  
Sistema integrato di accensione-iniezione MVICS 2.1 (Motor & Vehicle Integrated Control System) con sei iniettori. Centralina di controllo motore Eldor Nemo 2.1; corpo farfallato diametro 50 mm full ride by wire Mikuni; bobine pencil-coil dotate di tecnologia "ion-sensing", controllo della detonazione e misfire. Controllo di coppia con 4 mappe. Traction Control ad 8 livelli di intervento. MV EAS 3.0 (Electronically Assisted Shift Up & Down)  
Multidisco in bagno d'olio con dispositivo antisaltellamento meccanico

Estraibile a sei velocità con ingranaggi sempre in presa  
22/41

13/37  
16/34  
18/32  
19/30  
21/30  
22/29  
17/43

12 V  
350 W a 5.000 giri/min  
12 V - 8,6 Ah

1.380 mm  
2.015 mm  
760 mm  
830 mm  
120 mm  
99 mm  
173 kg  
16,5 l

240,0 km/h  
0-100 km/h in 3.05 s 0-200 km/h in 9.00 s

Tubolare a traliccio in acciaio ALS  
Legna di alluminio

## SOSPENSIONE ANTERIORE

Tipo

Ø Steli  
Escursione ruota

## SOSPENSIONE POSTERIORE

Tipo

Materiale forcellone monobraccio  
Escursione ruota

## FRENI

Anteriore

Pinza freno anteriore

Posteriore  
Pinza freno posteriore

Sistema ABS

## CERCHI

Anteriore: Materiale / dimensioni  
Posteriore: Materiale / dimensioni

## PNEUMATICI

Anteriore  
Posteriore

## CARROZZERIA

Materiali

## CONTENUTI

Componenti in titanio

Contenuti esclusivi

## OPTIONAL

## EMISSIONI

Norma ambientale  
Consumo carburante combinato  
Emissioni di CO<sub>2</sub>

Forcella Marzocchi oleodinamica a steli rovesciati con trattamento TIN e con sistema di regolazione esterno e separato del freno in estensione, in compressione e del precarico molla  
43 mm  
125 mm

Progressiva, monoammortizzatore Sachs regolabile in estensione, in compressione e nel precarico molla  
Legna di alluminio  
130 mm

A doppio disco flottante (Ø 320 mm) con fascia frenante e flangia in acciaio Radiale Brembo Stylema monoblocco a 4 pistoncini (Ø 30 mm)  
A disco in acciaio (Ø 220 mm)  
Brembo a 2 pistoncini (Ø 34 mm)

Continental MK100 con RLM (Rear Wheel Lift-up Mitigation) e con funzione cornering

Legna di alluminio 3,50" x 17"  
Legna di alluminio 5,50" x 17"

120/70 - ZR 17 M/C (58 W)  
180/55 - ZR 17 M/C (73 W)

Termoplastici - Sotto carena in alluminio

Valvole aspirazione e valvole scarico

Cruscotto TFT 5.5" con display a colori - Cruise control - Launch control - FLC (Front Lift Control) - Collegamento Bluetooth - Sensore GPS - MV Ride App per mirroring indicazioni di navigazione, setup elettronico di motore e veicolo - Tappo carburante (con cinghia in cuoio) - Antifurto Mobisat con geolocalizzazione

Visita il nostro sito per conoscere tutta la gamma delle parti speciali disponibili

Euro 5  
6.1 l/100 km  
139 g/km



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COLOR '23



NARDÒ GREY (GLOSS)/  
MATT METALLIC CARBON BLACK/  
AGO RED (GLOSS)



AGO RED (GLOSS)/  
AGO SILVER (GLOSS)

E10 UNLEADED GASOLINE WITH  
Up to 10% ETHANOL ONLY

\* Speed attained on closed course.  
Every country could have a price variation due  
to local import duties and taxes.

MY 23 - 13/07/23

## ENGINE

Type	Three cylinders, 4 stroke, 12 valves
Timing system	"D.O.H.C" with mechanical chain tensioner and DLC tappet
Total displacement	798 cm <sup>3</sup> (48.7 cu. in.)
Compression ratio	13.3:1
Starting	Electric
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - rpm (at the crankshaft)	108 kW (147 hp) at 13.000 rpm
Max. torque - rpm	88 Nm (8.98 kgm) at 10.100 rpm

Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor Nemo 2.1, throttle body bore 50 mm diameters full ride by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire. Torque control with four maps. Traction Control with eight levels of intervention.

Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
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Clutch	Wet, multi-disc slipper clutch
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Transmission	Cassette style; six speed, constant mesh
Primary drive	22/41
Gear ratio	

First gear	13/37
Second gear	16/34
Third gear	18/32
Fourth gear	19/30
Fifth gear	21/30
Sixth gear	22/29
Final drive ratio	17/43

## ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5.000 rpm
Battery	12 V - 8.6 Ah

## DIMENSIONS AND WEIGHT

Wheelbase	1.380 mm (54.33 in.)
Overall length	2.015 mm (79.33 in.)
Overall width	760 mm (29.92 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	120 mm (4.72 in.)
Trail	99 mm (3.89 in.)
Dry weight	173 kg (381.4 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed*	240.0 km/h (149.1 mph)
Acceleration*	0-100 km/h in 3.05 s    0-200 km/h in 9.00 s

## FRAME

Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy

## FRONT SUSPENSION

Type	Marzocchi "upside-down" telescopic hydraulic fork with TiN low friction treatment; external compression, rebound and spring preload adjustment
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Fork dia.	43 mm (1.69 in.)
Wheel travel	125 mm (4.92 in.)

## REAR SUSPENSION

Type	Progressive, Sachs single shock absorber with rebound and compression damping and spring preload adjustment
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Single sided swing arm material	Aluminium alloy
Wheel travel	130 mm (5.12 in.)

## BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange Brembo radial-type Stylema monobloc, with 4 pistons Ø 30 mm (Ø 1.18 in.)
Front brake caliper	

Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
Rear brake caliper	

ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
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## WHEELS

Front: Material/size	Aluminium alloy 3.50" x 17"
Rear: Material/size	Aluminium alloy 5.50" x 17"

## TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	180/55 - ZR 17 M/C (73 W)

## FAIRING

Material	Thermoplastic - Aluminium belly-pan
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## CONTENTS

Titanium components	Intake and exhaust valves
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Exclusive content	Dashboard TFT 5.5" color display - Cruise control Launch control - FLC (Front Lift Control) Bluetooth - GPS - MV Ride App for navigation mirroring, app-controlled engine, rider aids setup - Fuel cap (with leather strap) - Mobisat anti-theft system with geolocation
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## OPTIONAL

The full Special Parts range is available on the MV Agusta website

## EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	6.1 l/100 km
CO <sub>2</sub> Emissions	139 g/km

MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.



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